



**<Code or Standard>**  
**Administrative Ruling / Interpretation**

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**Code Section: RFDS 9.4.5**

**Title: Fire Alarm System, Monitoring Methods**

**Date: August 2, 2005**

**Statement of Need:** Alternative monitoring methods must have the approval of the Fire Marshal as outlined in RFDS 9.4.5 (f). Redmond Fire Department has granted approval of two additional methods of alarm transmission.

**Ruling/Interpretation:** The following new monitoring methods are added to the list of approved methods in the City of Redmond for the transmission of alarm signals as outlined in RFDS 9.0:

1. **Digital Alarm Communicator Transmitter (DACT).** The approved method of providing this means of transmission shall require compliance to NFPA 72 and that the DACT shall initiate and complete a test signal transmission sequence to its associated Digital Alarm Communicator Receiver (DACR) at least once every 12 hours. *Additional requirements are as follows:*
  - *The primary and secondary central station reporting phone numbers shall be provided by separate phone company carriers.*
  - *Subscribers shall control the phone lines and not tenants in the building.*
  - *DACT failure shall generate a "trouble" signal in an attended location.*
  - *Other NFPA 72 allowed signal transmission methods (other than two phone lines) using a DACT must have Fire Marshal approval.*
2. **AES Intellinet, Two-Way Supervised Primary UL7750F Transceivers.** This requires 2 alternate paths of communication with a quality of "good". The approved method of providing this means of transmission shall require compliance to NFPA 72 and the transceiver shall initiate and complete a test signal transmission sequence to its associated AES 7700 receiver at least once every 12 hours. The use of internet provider links is prohibited.

Fire alarm service providers that are installing the above methods of signal transmitters, in existing systems, shall be required to provide the facility owner or his authorized representative with an "Owners Information Consent Form". This form is published by the Fire Marshal and requires the building owner's signature in order to obtain the fire alarm permit for the transmitter replacement. Fire alarm service providers are required to submit the signed form to the Fire Department with the permit application form.

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Robert Lovett  
Fire Marshal